

**Table 4A. National expenditures for development, by performing sector and sources of funding: 1993-2000<sup>1</sup>**

(See the historical database provided in Table D for the full series of historical data, *arranged by the same data columns as defined in this and other tables.* )

Performing sector:	Total U.S.	Federal govt.	Industry			Industry FFRDCs	Universities & colleges						U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs
Funding sector:	Total U.S.	Federal govt.	Total	Federal govt. <sup>2</sup>	Industry <sup>3</sup>	Federal govt. <sup>2</sup>	Total	Federal govt.	Nonfed. govt. <sup>4</sup>	Industry	U&Cs	Nonprofits	Federal govt. <sup>5</sup>	Total	Federal govt. <sup>2</sup>	Industry	Nonprofits	Federal govt. <sup>2</sup>
Data column	[127]	[128]	[129]	[130]	[131]	[132]	[133]	[134]	[135]	[136]	[137]	[138]	[139]	[140]	[141]	[142]	[143]	[144]
Calendar year <sup>6</sup>	Millions of current dollars																	
1993.....	99,674	9,071	84,757	16,083	68,674	1,038	1,696	1,124	108	97	259	107	1,346	1,191	787	95	309	574
1994.....	103,017	8,823	87,890	16,209	71,681	1,196	1,809	1,209	113	101	275	111	1,466	1,261	815	103	343	573
1995.....	113,046	9,262	97,342	17,824	79,518	1,208	1,803	1,175	121	108	287	113	1,592	1,236	744	111	381	603
1996.....	121,341	9,033	105,863	17,066	88,797	1,358	1,780	1,130	126	113	297	114	1,495	1,241	698	120	423	571
1997.....	128,845	9,076	113,184	18,121	95,063	1,292	1,908	1,206	131	123	327	122	1,462	1,374	683	155	536	550
1998.....	139,757	9,320	123,734	18,227	105,507	1,280	2,067	1,291	140	136	364	136	1,470	1,492	734	168	590	394
1999 prelim....	150,043	9,590	133,443	18,865	114,578	1,444	2,202	1,360	153	148	395	146	1,384	1,560	738	185	636	420
2000 prelim....	161,990	8,879	145,865	19,472	126,393	1,560	2,335	1,419	168	161	430	158	1,300	1,604	712	205	686	448
Data column	[145]	[146]	[147]	[148]	[149]	[150]	[151]	[152]	[153]	[154]	[155]	[156]	[157]	[158]	[159]	[160]	[161]	[162]
Calendar year <sup>6</sup>	Millions of constant 1996 dollars																	
1993.....	105,856	9,634	90,014	17,081	72,933	1,102	1,801	1,194	115	103	275	113	1,430	1,265	835	101	329	610
1994.....	107,153	9,177	91,419	16,860	74,559	1,244	1,881	1,257	117	105	286	116	1,524	1,312	848	107	357	596
1995.....	115,130	9,433	99,136	18,153	80,984	1,230	1,836	1,196	124	110	292	115	1,621	1,259	757	113	388	614
1996.....	121,341	9,033	105,863	17,066	88,797	1,358	1,780	1,130	126	113	297	114	1,495	1,241	698	120	423	571
1997.....	126,741	8,928	111,336	17,825	93,511	1,271	1,877	1,186	129	121	321	120	1,438	1,351	671	152	528	541
1998.....	135,871	9,061	120,294	17,720	102,573	1,244	2,010	1,255	137	132	354	132	1,429	1,451	714	164	573	383
1999 prelim....	143,761	9,189	127,856	18,075	109,780	1,383	2,110	1,303	147	141	378	140	1,326	1,495	708	178	610	402
2000 prelim....	152,763	8,373	137,556	18,362	119,194	1,471	2,202	1,338	158	151	405	149	1,226	1,512	672	194	647	423

<sup>1</sup>Technical notes explaining methodological issues of measurement are provided in NSF/SRS, *National Patterns of R&D Resources: 1998*, and the forthcoming *National Patterns* report.

<sup>2</sup> In the historical database (table D), expenditures of industry FFRDCs for 1953-54 were not separated out from total Federal support to the industrial sector. Thus, the figure for Federal support to industry includes support to FFRDCs development at industry FFRDCs for those years. The same is true for development by nonprofit FFRDCs in 1953-87, which is included in Federal support for development at nonprofit institutions for those years.

<sup>3</sup> Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.

<sup>4</sup> Because of limitations in the survey information, data on nonfederal government funding to other performers are not available, and are consequently included in other sectors' support for their own R&D performance. For example, nonfederal government support to nonprofits is included in nonprofits' support for their own R&D.

<sup>5</sup> Includes all R&D expenditures of FFRDCs administered by academic institutions.

<sup>6</sup> Expenditure levels for academic and Federal government performers are also in reference to calendar years. These levels are approximations based on fiscal-year data. For Federal government expenditures starting in 1977, the calendar-year approximation is equal to 75 percent of the amount reported in the same fiscal year plus 25 percent of the amount reported in the subsequent fiscal year. For academic expenditures in all years and for Federal government expenditures prior to 1977 the respective percentages are 50 and 50, since those fiscal years (for most academic institutions and the Federal government before 1977) begin on July 1 instead of October 1.

KEY: FFRDCs=Federally Funded Research and Development Centers; U&Cs=universities and colleges

NOTES: Data are based on annual reports by performers except for the nonprofit sector. Data are preliminary for 1999 and 2000. For trend comparisons, use only the historical data reported here. These tables incorporate the latest revisions to prior-year data, including recently revised estimates of R&D performance by nonprofit organizations. Do not use data published earlier.

SOURCES: National Science Foundation/SRS. Data were derived from NSF/SRS, *Research and Development in Industry 1998*; NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 1998*; NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 1998, 1999, and 2000*; and NSF/SRS Survey of R&D Funding & Performance by Nonprofit Organizations.